



BIOLOGY NMDCAT EARLIER PREP

PMC UNIT WISE TEST Unit-5

WWW.SAEEDMDCAT.COM

03418729745(WhatsApp Groups)

SAEED MDCAT TEAM

TOPICS:

- ✓ Diversity among Plants
- ✓ Diversity among Animals

- Q.1** An organism is considered to be a plant if it has all of the following features except:
A. Eukaryotic
B. Autotrophic
C. Motile
D. Multicellular

Q.2 For the sake of convenience, the organisms included in Kingdom Plantae can be broadly divided into:
A. Two categories
B. Three categories
C. Four categories
D. Five categories

Q.3 Plant cells have cell wall, which is composed of:
A. Chitin
B. Cellulose
C. Murein
D. Teichoic acid

Q.4 Non-vascular plants are also called as _____ while vascular plants are called as _____.
A. Bryophytes, Tracheophytes
B. Tracheophytes, Bryophytes
C. Psilopsida, Lycopsidea
D. Sphenopsida, Hepaticopsida

Q.5 It is not included in tracheophytes:
A. Psilopsida
B. Lycopsidea
C. Pteropsida
D. Anthocerosida

Q.6 The common name of 'Hepaticopsida' is:
A. Liverworts
B. Mosses
C. Whisk ferns
D. Hornworts

Q.7 Bryophytes are also known as 'amphibians of the plants' as they need water for:
A. Digestion
B. Growth
C. Metabolism
D. Reproduction

Q.8 Which of the following is not the function of rhizoids?
A. Anchorage
B. Translocation through phloem
C. Absorption of water and minerals
D. Increase area for absorption

Q.9 It correctly describes the sporophyte generation in plants:
A. Multicellular and diploid
B. Unicellular and diploid
C. Multicellular and haploid
D. Unicellular and haploid

Q.10 Bryophytes developed all of the following adaptive characters for terrestrial environment except:
A. Formation of compact multicellular body
B. Development of photosynthetic tissues
C. Protection of gametes
D. Homogamy

Q.11 The gametophyte or haploid stage begins with _____ and ends at _____.
A. Gametes, spores
B. Spores, Gametes
C. Oospore, spore mother cell
D. Spore mother cell, oospore

Q.12 In which stage of alternation of generation, genetic variation in next generation occurs?
A. Sporogenesis
B. Parthenogenesis
C. Gametogenesis
D. Oogenesis



- Q.13** All of the following characteristics enabled the tracheophytes to become predominant flora of land except:
- A. Protected sporangia
B. Homomorphic alternation of generation
C. Formation of pollen tube
D. Production of flowers and fruits
- Q.14** It is considered as the earliest group of vascular plants:
- A. Psilopsida
B. Lycopsida
C. Sphenopsida
D. Pteropsida
- Q.15** The evolution of megaphyllus leaves included series of successive evolutionary steps which are:
- A. Overtopping → Planation → Fusion
B. Fusion → Planation → Overtopping
C. Planation → Fusion → Overtopping
D. Planation → Overtopping → Fusion
- Q.16** During evolution of leaf, the branches grew in different planes. Such an unequal development of various branches is called:
- A. Overtopping
B. Planation
C. Fusion
D. Webbing
- Q.17** It is not related to lycopsida:
- A. Sporophyte is thallus
B. Small leaves
C. Spiral or opposite arrangement of leaves
D. Gametophyte is mainly underground
- Q.18** Plants included in _____ are called arthropytes because the whole plant body is composed of large number of joints.
- A. Psilopsida
B. Lycopsida
C. Sphenopsida
D. Pteropsida
- Q.19** All of the following are the steps involved in evolution of seed habit except:
- A. Evolution of heterospory
B. Development of protective layers around megasporangium
C. Modification of distal end of megasporangium for pollen capture
D. Production of multiple functional megaspores per sporangium
- Q.20** An ovule is a/an:
- A. Integumented indehiscent megasprangium
B. Integumented indehiscent microsprangium
C. Megasporangium without integuments
D. Microsprangium without integuments
- Q.21** The literal meaning of 'gymnospermae' is:
- A. Seed-less plants
B. Protected seeded plants
C. Naked seeded pants
D. Multiple seeded pants
- Q.22** In gymnosperms, the megasporophylls bearing ovules are not folded and joined at the margins to form a/an:
- A. Pollen tube
B. Synergids
C. Ovary
D. Seed
- Q.23** The ovary after fertilization is changed into a _____, containing _____.
- A. Seeds, fruit
B. Fruit, seeds
C. Megasporangium, microsprangium
D. Microsprangium, megasporangium
- Q.24** The angiospermae is divided into how many sub-classes?
- A. 1
B. 2
C. 3
D. 4
- Q.25** The number of petals or sepals in monocots are :
- A. 2 or multiple of 2
B. 4 or multiple of 4
C. 3 or multiple of 3
D. 5 or multiple of five
- Q.26** Animals of kingdom Animalia possess all characters except:
- A. Diploid
B. Embryonic development
C. Unicellular
D. Eukaryotic



- Q.27** Which type of mode of nutrition is found in the members of Kingdom Animalia?
- A. Absorptive heterotrophs B. Ingestive heterotrophs
C. Saprophytic autotrophs D. Chemoautotrophs
- Q.28** The cylindrical body of a sea anemone can be cut in two equal halves. It represents:
- A. Diploblastic organization B. Radial symmetry
C. Triploblastic organization D. Bilateral symmetry

SAEED MDCAT

SAEED MDCAT TEAM





- Q.29** You are trying to identify an organism. It is an animal, but it does not have nerve or muscle tissue. It is neither diploblastic nor triploblastic. It is probably a:
- A. Flatworm. B. Nematode
C. Cniderian D. Sponge
- Q.30** It is not derived from endoderm?
- A. Liver B. Gastric glands
C. Pancreases D. Muscles
- Q.31** It is not a germ layer:
- A. Ectoderm B. Endoderm
C. Mesoderm D. Blastoderm
- Q.32** Animals which do not have a body cavity:
- A. Acoelomata B. Pseudocoelomata
C. Coelomata D. Deuterostomes
- Q.33** In deuterostomes mesoderm is derived from wall of developing?
- A. Coelom B. Schizocoelous
C. Archenteron D. Margin of blastopore
- Q.34** Radial symmetry is present in:
- A. Sycon B. Cockroach
C. Hydra D. Human
- Q.35** Phylum whose members are mostly endoparasites is:
- A. Platyhelminthes B. Arthropoda
C. Annelida D. Mollusca
- Q.36** Common housefly is involved in spread of all except:
- A. Hepatitis B. Dysentery
C. Malaria D. Cholera
- Q.37** All of the following insects are beneficial except:
- A. Locust B. Silk worm
C. Honey bee D. Butterfly
- Q.38** Tube like digestive system was first time appeared in:
- A. Porifera B. Platyhelminthes
C. Coelentrata D. Nematoda
- Q.39** It is not true about pseudocoelomates:
- A. Homologous to coelom
B. Develops from the blastocoel of embryo
C. Space between body wall and digestive tube
D. Circular muscles are absent
- Q.40** First invertebrate to develop a nervous system is:
- A. Sponge B. Cnidarian
C. Flat worm D. Round worm
- Q.41** It is not a feature of animals belong to sub-kingdom parazoa:
- A. Lack tissue organization B. Simplest of all the animals
C. Determinate shape D. Asymmetrical
- Q.42** The spiny skinned animals are included in:
- A. Sponges B. Coelenterates
C. Echinodermata D. Annelids
- Q.43** Organism of _____ phylum is exclusively marine.
- A. Annelids B. Mollusca
C. Echinoderms D. Hemichordates
- Q.44** _____ have radial symmetry in their adult form.
- A. Annelids B. Molluscs
C. Echinoderms D. Hemichordates
- Q.45** Which cells in a sponge are primarily responsible for trapping and removing food particles from circulating water?
- A. Choanocytes B. Pinacocytes
C. Mesogleal cells D. Epidermal cells



- Q.46 Which characteristic is shared by both cnidarians and flatworms?
A. Dorsoventrally flattened bodies B. Radial symmetry
C. Flame bulbs D. Digestive system with a single opening
- Q.47 Open circulatory system and chitinous exoskeleton are the features related to phylum _____.
A. Cnidaria B. Mollusca
C. Annelida D. Arthropoda
- Q.48 It is commonly known as pin worms:
A. *Ascaris lumbricoides* B. *Fasciola hepatica*
C. *Ancylostoma duodenale* D. *Enterobius vermicularis*
- Q.49 Flame cell excretory system is found in the members of phylum:
A. Porifera B. Coelentrata
C. Platyhelminthes D. Echinodermata
- Q.50 In sponges, the skeleton is in the form of variously shaped needle-like structures called:
A. Gemmules B. Protandrous
C. Spicules D. Osculum

**FOR MORE NMDCAT TEST AND
LECTURE**

Visit Our Website: www.saeedmdcat.com

MDCAT WhatsApp Groups: 03418729745

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

Bio T-5 Key

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D
1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	16	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	17	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	32	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	20	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	35	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	21	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	36	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	22	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	37	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	23	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	24	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	39	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	25	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	40	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	26	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	27	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	28	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	45	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SAEED MDCAT

If you want to get all the test and Lec of all Academy then follow us on different platforms

WEBSITE.www.saeedmdcat.com

FB Group And Page.SAEED MDCAT

INSTAGRAM.SAEED MDCAT

Twitter.Smdcat

For WhatsApp Group.03418729745

Regards.Huzaiifa Saeed,Usama Sohail

Saeed MDCAT

TRUE HERO ALWAYS WINS

National MDCAT 2020 Results

190+ 35 Students

185+ 218 Students

180+ 677 Students

JOIN US FOR FREE
TO SECURE YOUR FUTURE



SAEED MDCAT
SAEED MDCAT TEAM
f SAEEDMDCAT